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In Cooperation with the Iowa Department of Agriculture and Land Stewardship

Issued September 4, 2012 Vol 12 - 27

For the week ending September 2, 2012

Last week’s warm and dry conditions promoted rapid maturation in Iowa’s drought-damaged crops. As farmers continue to chop corn for silage, farmers are also harvesting grain according to USDA’s National Agricultural Statistics Service, Iowa Field Office. Some of the farmers who are harvesting for grain are also baling the stalks. A few reports of aflatoxin have been received.

There were 6.5 days suitable for fieldwork statewide during the past week. Topsoil moisture levels declined to 50 percent very short, 34 percent short, 15 percent adequate, and 1 percent surplus. Subsoil moisture also declined and is now rated at 66 percent very short, 29 percent short, 5 percent adequate, and 0 percent surplus.

Ninety-one percent of the corn crop has reached the dent stage, ahead of last year’s 81 percent and the five year average of 64 percent. Fifty percent of the corn crop is now mature, ahead of both last year and the five year average of 11 percent. Corn condition is reported at 23 percent very poor, 32 percent poor, 32 percent fair, 13 percent good, and 0 percent excellent. Fifty-one percent of the soybean crop is turning color, a jump of 32 percentage points from last week. Seven percent of Iowa’s soybean fields are dropping leaves, one week ahead of last year. Soybean condition is reported at 13 percent very poor, 24 percent poor, 40 percent fair, 21 percent good, and 2 percent excellent. Harvest of third cutting of alfalfa hay, at 98 percent complete continues to be a month ahead of normal.

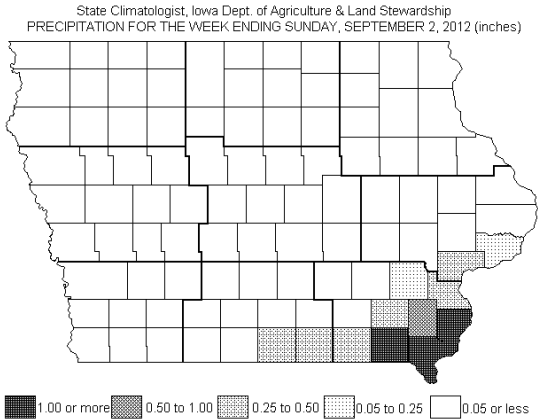
One-fifth of Iowa’s pasture and range land is rated in fair or better condition. Pasture and range condition rated 51 percent very poor, 29 percent poor, 17 percent fair, 3 percent good, and 0 percent excellent. The warmer weather caused little if any stress to livestock with no issues reported for the week.

IOWA PRELIMINARY WEATHER SUMMARY
Provided by Harry Hillaker, State Climatologist
Iowa Department of Agriculture & Land Stewardship

After a few weeks of relatively cooler and wetter weather, the past week brought a return of July heat and dryness. Temperatures were above normal every day of the reporting week, averaging 6.9 degrees above normal. Parts of west central Iowa, including Sioux City and Logan, saw high temperatures climb to ninety degrees or higher every day with Sioux City setting daily record highs of 101 degrees on Wednesday (29th) and 102 degrees on Thursday (30th). Mason City Airport reported the lowest temperature of the week with a Monday (27th) morning low of 48 degrees. Much higher humidity returned this past week, but without being accompanied by much rain. The remnants of Hurricane Isaac brought light to moderate rain to far southeast Iowa from Friday (31st) night into Sunday (2nd) morning. However, no measureable rain fell anywhere else in Iowa during the week. The statewide average precipitation was only 0.07 inch while normal for the week is 0.89 inches. Much of Van Buren, Lee and Des Moines counties saw more than an inch of rain with Donnellson reporting the most with 2.12 inches.

Crop Conditions as of September 2, 2012

Item	Very Poor	Poor	Fair	Good	Excellent
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn	23	32	32	13	0
Soybeans	13	24	40	21	2
Pasture & Range	51	29	17	3	0



Field Work and Crop Progress as of September 2, 2012

Item	Districts									State	Last Week	Last Year	5-yr Avg
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Corn in or past dent stage	98	92	84	93	96	87	95	81	78	91	82	81	64
Corn mature (safe from frost)	52	50	40	44	61	40	73	43	43	50	27	11	11
Corn harvested (grain or seed)	7	3	3	6	6	2	6	5	5	5	2	0	0
Soybean leaves turning color	68	61	48	49	62	41	36	33	30	51	19	13	22
Soybeans dropping leaves	8	8	6	8	9	3	5	2	5	7	1	1	4

Days Suitable & Soil Moisture Condition as of September 2, 2012

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)	(Days)
Days suitable	6.9	6.7	6.7	6.4	6.4	6.2	6.5	6.6	6.1	6.5	6.0	5.2
	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)	(Percent)
Topsoil moisture												
Very short	52	73	57	44	51	22	48	57	48	50	49	13
Short	32	26	40	35	36	38	37	32	26	34	30	30
Adequate	16	1	3	19	13	40	12	9	25	15	19	54
Surplus	0	0	0	2	0	0	3	2	1	1	2	3
Subsoil moisture												
Very short	67	77	68	58	65	70	59	70	61	66	64	12
Short	28	20	31	33	30	24	35	29	30	29	30	32
Adequate	5	3	1	8	5	6	6	1	9	5	6	54
Surplus	0	0	0	1	0	0	0	0	0	0	0	2

Weather Summary For National Agricultural Statistics Service, Iowa Field Office.
For the week ending: 7:00 am Sunday, September 2, 2012, Prepared by AWIS, Inc.

Station	Current Week						Since April 1			
	Temperature				Precipitation		Precipitation		GDD Base 50F	
	High	Low	Avg.	DFN	Total	DFN	Total	DFN	Total	DFN
North West District										
Estherville	97	54	75	11	0.00	-0.84	13.99	-3.62	2,734	577
Sioux Center	102	54	78	12	0.00	-0.77	14.20	-3.20	3,123	543
Spencer	96	54	75	9	0.00	-0.84	18.21	-0.30	2,909	593
Spirit Lake	94	57	76	12	0.00	-0.84	16.31	-1.22	2,832	551
North Central District										
Britt	95	55	74	8	0.00	-0.84	14.78	-4.43	2,644	432
Dakota City	97	54	76	10	0.00	-0.91	12.87	-6.94	2,860	465
Mason City	99	48	76	10	0.00	-0.98	11.20	-9.11	2,728	465
Osage	96	56	75	10	0.00	-1.05	15.49	-5.22	2,633	463
North East District										
Decorah	95	55	76	9	0.00	-0.97	13.82	-6.04	2,837	521
Dubuque	87	60	73	7	0.56	-0.60	11.58	-9.64	2,699	433
Elkader	91	55	73	7	0.06	-0.85	13.19	-6.62	2,376	142
Fayette	94	55	74	8	0.00	-0.98	14.77	-6.06	2,611	542
Waterloo	96	56	76	10	0.00	-0.82	11.70	-8.89	2,940	511
West Central District										
Carroll	94	57	75	9	0.00	-0.84	15.34	-5.63	2,954	474
Castana	96	59	78	10	0.00	-0.84	15.98	-2.51	2,984	290
Guthrie Center	94	56	74	7	0.00	-0.98	13.87	-6.65	2,982	454
Harlan	94	57	75	7	0.00	-1.00	14.67	-4.89	2,918	483
Jefferson	94	57	75	8	0.00	-0.84	11.95	-9.02	2,894	402
Logan	98	58	77	9	0.00	-0.84	14.16	-4.94	3,073	437
Rockwell City	96	58	76	8	0.00	-0.91	14.12	-5.83	2,863	436
Sac City	95	54	74	8	0.00	-0.91	14.81	-4.74	2,741	431
Sioux City	102	56	78	10	0.00	-0.70	15.67	-0.52	3,185	620
Central District										
Boone	96	57	77	9	0.00	-0.91	14.63	-6.52	2,864	399
Des Moines	97	64	80	11	0.00	-0.91	14.77	-4.98	3,550	815
Grundy Center	95	55	75	10	0.00	-0.83	13.03	-7.34	2,792	489
Marshalltown	95	56	76	10	0.01	-1.01	7.83	-13.41	3,000	566
Newton	96	59	76	8	0.43	-0.52	11.48	-8.52	2,953	266
Perry	95	58	75	9	0.00	-0.87	16.42	-3.71	2,964	517
Toledo	94	58	75	9	0.09	-0.89	11.60	-9.89	2,715	411
East Central District										
Cedar Rapids	89	58	74	6	0.40	-0.57	12.08	-7.81	2,898	361
Davenport	90	59	74	5	2.54	1.63	18.09	-1.62	2,983	181
Iowa City	92	62	75	5	0.84	-0.14	14.07	-7.83	3,159	259
Lowden	91	59	74	7	0.95	-0.10	14.60	-7.44	2,802	426
Maquoketa	88	59	73	6	1.57	0.52	11.73	-8.27	2,586	243
Muscatine	93	62	75	5	3.86	2.95	19.43	-1.03	2,915	131
South West District										
Atlantic	94	56	75	8	0.00	-0.93	13.21	-5.51	3,001	450
Clarinda	92	56	74	6	0.00	-1.05	19.82	-2.58	3,078	522
Glenwood	96	57	76	7	0.00	-0.91	11.98	-8.41	3,122	340
Red Oak	93	60	76	5	0.00	-1.05	23.63	1.55	3,237	577
Sidney	95	62	77	8	0.00	-0.98	12.52	-8.47	3,299	491
South Central District										
Allerton	94	61	75	6	2.18	1.14	16.56	-4.36	3,043	469
Beaconsfield	91	59	75	7	0.18	-0.80	15.80	-4.49	3,025	480
Chariton	95	61	75	7	1.51	0.43	17.91	-3.36	3,072	604
Indianola	98	58	76	8	0.02	-0.89	10.05	-10.32	3,061	615
Leon	92	58	73	5	0.33	-0.72	17.61	-3.62	2,913	431
South East District										
Bloomfield	95	63	76	7	1.03	-0.06	12.95	-8.34	3,152	484
Burlington	94	62	76	6	2.46	1.52	14.47	-5.30	3,231	388
Ottumwa	96	59	75	6	0.27	-0.69	14.36	-5.34	3,130	287
Washington	95	53	73	3	1.51	0.61	18.47	-0.81	2,991	272

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2012: AWIS, Inc. All Rights Reserved.